A METHOD AND APPARATUS FOR GENERATING SERVICE ORIENTED STATE DATA AND META-DATA USING META INFORMATION MODELING

ABSTRACT OF THE DISCLOSURE

A method and apparatus for generating service state data and extensible meta-data information with a service oriented state data generator (SSDG) comprising: establishing a platform independent, extensible meta-data model for the meta-data information; obtaining state data schema based on a service state data description; defining an extensible set of meta-data attributes and templates corresponding to the meta data based on requirements of a service; and utilizing the meta-data model and based on the state data schema and the attributes, generating service state data based on the service state data schema; and The service state data including at least one of: state data, state data logical mapping, state data physical mapping, meta-data associated with the service state data and meta-data model correlations associated with the meta-data.